

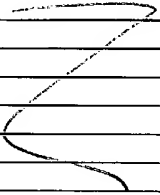
PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	09/986,527	
				Filing Date	November 9, 2001	
				First Named Inventor	Barany et al.	
				Art Unit	1639	
Examiner Name	P. Ponnaluri					
Attorney Docket Number	19603/3357 (CRF D-1959G)					
Sheet	1	of	4			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
PP ↓	1	US-4,988,617		01/29/1991	Landegren et al.	
	2	US-5,516,635		02/16/1996	Ekins et al.	
	3	US-5,858,659		01/12/1999	Sapolsky et al.	
	4	US-6,143,495		11/07/2000	Lizardi et al.	
	5	US-6,506,594 B1		01/14/2003	Barany et al.	
	6	US-5,527,681		06/18/1996	Holmes	
	7	US-5,837,832		11/17/1998	Chee et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
PP PP PP	8	WO	92/10566	06/25/1992	WIPO		
	9	WO	98/03673 A	01/29/1998	WIPO		
	10	WO	00/56927 A3	09/28/2000	WIPO		

Examiner Signature	P. Ponnaluri	Date Considered	9/13/04
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PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/986,527
				Filing Date	November 9, 2001
				First Named Inventor	Barany et al.
				Group Art Unit	1639
				Examiner Name	P. Ponnaluri
Sheet	2	of	4	Attorney Docket Number	19603/3357 (CRF D-1959G)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EP	11	Belgrader et al., "A Multiplex PCR-Ligase Detection Reaction Assay for Human Identity Testing," <u>Genome Science & Tech.</u> 1:77-87 (1996)	
	12	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," <u>Science</u> 274:610-614 (1996)	
	13	Day et al., "Identification of Non-Amplifying CYP21 Genes When Using PCR-Based Diagnosis of 21-Hydroxylase Deficiency in Congenital Adrenal Hyperplasia (CAH) Affected Pedigrees," <u>Hum. Mol. Genet.</u> 5(12):2039-2048 (1996)	
	14	Drobyshev et al., "Sequence Analysis by Hybridization with Oligonucleotide Microchip: Identification of β -Thalassemia Mutations," <u>Gene</u> 188:45-52 (1997)	
	15	Fodor et al., "Multiplexed Biochemical Assays with Biological Chips," <u>Nature</u> 364:555-556 (1993)	
	16	Gerry et al., "Universal DNA Microarray Method for Multiplex Detection of Low Abundance Point Mutations," <u>J. Mol. Biol.</u> 292:251-262 (1999)	
	17	Hacia et al., "Detection of Heterozygous Mutations in <i>BRCA1</i> Using High Density Oligonucleotide Arrays and Two-Colour Fluorescence Analysis," <u>Nat. Genet.</u> 14:441-447 (1996)	
	18	Heller et al., "Discovery and Analysis of Inflammatory Disease-Related Genes Using cDNA Microarrays," <u>Proc. Nat'l. Acad. Sci. USA</u> 94:2150-2155 (1997)	
	19	Khanna et al., "Multiplex PCR/LDR for Detection of <i>K-ras</i> Mutations in Primary Colon Tumors," <u>Oncogene</u> 18:27-38 (1999)	
	20	Khrapko et al., "A Method for DNA Sequencing by Hybridization with Oligonucleotide Matrix," <u>J. DNA Seq. Map.</u> 1:375-388 (1991)	
✓	21	Kozal et al., "Extensive Polymorphisms Observed in HIV-1 Clade B Protease Gene Using High-Density Oligonucleotide Arrays," <u>Nature Medicine</u> 2:753-759 (1996)	

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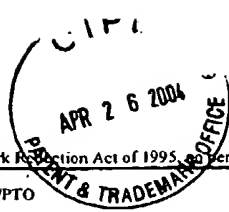
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pp	22	R.J. Lipshutz et al., "Using Oligonucleotide Probe Arrays To Assess Genetic Diversity," <u>Biotechniques</u> 19:442-447 (1995)	
	23	Lysov et al., "DNA Sequencing by Hybridization to Oligonucleotide Matrix. Calculation of Continuous Stacking Hybridization Efficiency," <u>Journal of Biomolecular Structure & Dynamics</u> 11(4):797-812 (1994)	
	24	Maskos et al., "A Study of Oligonucleotide Reassociation Using Large Arrays of Oligonucleotides Synthesised on a Glass Support," <u>Nucleic Acids Res.</u> 21:4663-4669 (1993)	
	25	Maskos et al., "A Novel Method for the Analysis of Multiple Sequence Variants by Hybridization to Oligonucleotides," <u>Nucleic Acids Res.</u> 21:2267-2268 (1993)	
	26	Nikiforov et al., "Genetic Bit Analysis: A Solid Phase Method for Typing Single Nucleotide Polymorphisms," <u>Nucleic Acids Res.</u> 22(20):4167-4175 (1994)	
	27	Nonradioactive <i>in situ</i> Hybridization Manual from Boehringer Mannheim Biochemicals, page 1, 1992	
	28	Nucleic Acid Hybridization, A Practical Approach, page 6, edited by Hames & Higgins, 1985, Published by IRL Press Limited, P.O. Box 1, Eynsham, Oxford OX 8 1JJ, England.	
	29	Parinov et al., "DNA Sequencing by Hybridization to Microchip Octa- and Decanucleotides Extended by Stacked Pentanucleotides," <u>Nucleic Acids Res.</u> 24:2998-3004 (1996)	
	30	Reed et al., "Chromosome-Specific Microsatellite Sets for Fluorescence-Based, Semi-Automated Genome Mapping," <u>Nature Genetics</u> 7:390-395 (1994)	
	31	Schena et al., "Parallel Human Genome Analysis: Microarray-Based Expression Monitoring of 1000 Genes," <u>Proc. Natl. Acad. Sci. USA</u> 93:10614-10619 (1996)	
	32	Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-Color Fluorescent Probe Hybridization," <u>Genome Res.</u> 6:639-645 (1996)	

Examiner Signature	P. Ponnaluri	Date Considered	9/13/04
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PP	33	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation using Experimental Models," <u>Genomics</u> 13:1008-1017 (1992)	
	34	Timofeev et al., "Regioselective Immobilization of Short Oligonucleotides to Acrylic Copolymer Gels," <u>Nucleic Acids Res.</u> 24:3142-3148 (1996)	
	35	Tong et al., "Biochemical Properties of a High Fidelity DNA Ligase from <i>Thermus</i> species AK16D," <u>Nucleic Acids Research</u> 27(3):788-794 (1999)	
	36	Van Ness et al., "A Versatile Solid Support System for Oligodeoxynucleotide Probe-based Hybridization Assays," <u>Nucleic Acids Res.</u> 19:3345-3350 (1991)	
	37	Weber et al., "Abundant Class of Human DNA Polymorphisms Which Can Be Typed Using the Polymerase Chain Reaction,"	
	38	Yershov et al., "DNA Analysis and Diagnostics on Oligonucleotide Microchips," <u>Proc. Natl. Acad. Sci. USA</u> 93:4913-4918 (1996)	
	39	Zhang et al., "Single-base Mutational Analysis of Cancer and Genetic Diseases Using Membrane Bound Modified Oligonucleotides," <u>Nucleic Acids Res.</u> 19:3929-3933 (1991)	
↓	40	Janssen et al., "Evaluation of the DNA Fingerprinting Method AFLP as a New Tool in Bacterial Taxonomy," <u>Microbiology</u> 142:1881-1893 (1996)	

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		US-			
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
PP ↓	1	WO 91/17239	11/14/1991	WIPO		
	2	WO 93/20227	10/14/1993	WIPO		
	3	WO 96/15271	05/23/1996	WIPO		
	4	WO 92/10558 A	06/25/1992	WIPO		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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PP	5	Abravaya et al., "Detection of Point Mutations With a Modified Ligase Chain Reaction (Gap-LCR)," <i>Nucleic Acids Research</i> , 23(4):675-682 (1995)	

Examiner Signature	P. Ponnaluri	Date Considered	9/19/04
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